



## Weather forecast from 11<sup>th</sup> to 20<sup>th</sup> May 2021

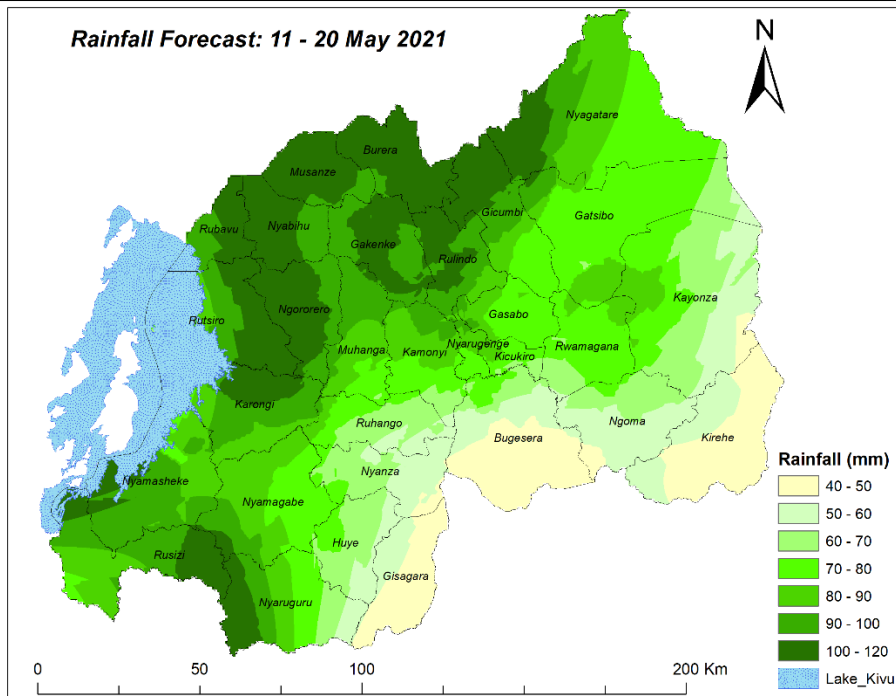
### 1. Rainfall Forecast

Rainfall expected between 11<sup>th</sup> and 20<sup>th</sup> May 2021 will range between 40 and 120 mm across the country with intense rainfall activities expected in Northern part of the country. The expected rainfall is above the range of Long Term Mean (LTM) countrywide. Localized convective activities are expected to continue during the first five days of this dekad while a reduction of rainfall activities is expected in the last five days of the dekad. Rainy days are expected to vary between four (4) and seven (7) days across the country. The expected rainfall will result from the location of Inter-Tropical Convergence Zone (ITCZ) which is migrating towards North of Equator.

The distribution of the rainfall across the country is highlighted below:

- **Eastern Province:** Rainfall ranging between 40 and 60 mm is expected in Kirehe district, southern parts of Ngoma and Bugesera district and eastern part of Kayonza district. Rainfall ranging between 60 and 80 mm is expected in most parts of Rwamagana, Gatsibo, remaining parts of Kayonza, eastern part of Nyagatare and remaining parts of Bugesera and Ngoma districts. 80 to 90 mm of rainfall are expected in a small part of the northeastern of Rwamagana, western Kayonza, southern Gatsibo, and western parts of Nyagatare district.
- **City of Kigali:** Rainfall ranging between 60 and 80 mm is expected in eastern part of Gasabo, eastern and south western part of Kicukiro and southern part of Nyarugenge. Rainfall ranging between 80 and 100 mm is expected in northern part of Nyarugenge, western part of Gasabo and north western part of Kicukiro district.
- **Southern Province:** Rainfall ranging between 40 and 80 mm is expected in Gisagara, Huye, Nyanza and Ruhango districts, southern parts of Kamonyi and Muhanga and eastern parts of Nyaruguru and Nyamagabe. Rainfall ranging between 80 and 100 mm is expected in remaining parts of Muhanga, Kamonyi, Nyamagabe and central parts of Nyaruguru. Rainfall ranging between 100 and 120 mm is expected in Western part of Nyaruguru located in Nyungwe National Park.
- **Western Province:** Rainfall ranging between 80 and 100 mm is expected in most parts of Nyamasheke and Rusizi districts, southern parts of Karongi, eastern part of Ngororero and Nyabihu districts and western parts of Rutsiro and Rubavu districts. Rainfall ranging between 100 and 120 mm is expected in remaining parts of Nyabihu, Ngororero, Karongi, Rubavu and Rutsiro districts and eastern part of Rusizi district located in Nyungwe National Park.
- **Northern Province:** Rainfall ranging between 80 and 100 mm is expected in southern part of Gicumbi, Rulindo, west and eastern part of Gakenke and south eastern part of Musanze districts. Rainfall ranging between 100 and 120 mm is expected in Burera and remaining parts of Rulindo, Gakenke, Musanze and Gicumbi districts.

For more details on spatial distribution of expected rainfall, refer to the map below.



## 2. Wind forecast

During the second dekad of May 2021, moderate winds ranging between 4m/s and 7m/s is expected in few parts of the country while light wind less than 4m/s is expected in many parts of the country. As per the distribution map below, moderate wind is expected in many parts of Western Province and some parts located in north eastern of Eastern Province. Light wind is expected in remaining parts of the country.



# Maximum Winds Forecast from 11 - 20 May 2021

